GB2004/003349

			GB2004/003349			
A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N9/88						
According to International Patent Classification (IPC) or to both national classification and IPC						
	SEARCHED					
Minimum do IPC 7	Minimum documentation searched (classification system followed by classification symbols)					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BIOSIS, WPI Data						
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to dalm No.			
X	WELLER GEOFFREY R ET AL: "Ident of a DNA nonhomologous end-joining in bacteria." SCIENCE. 6 SEP 2002, vol. 297, no. 5587, 6 September 2002 (2002-09-06), policited by the service of the s	ng complex	1-42			
X Further documents are listed in the continuation of box C. Patent family members are listed in annex.						
* Special categories of cited documents : "T later document published after the international filing date			ter the international filing date			
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international		cited to understand the prininvention *X* document of particular relev				
"L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the			hen the document is taken alone ance; the claimed invention volve an inventive step when the			
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		document is combined wifr ments, such combination b in the art. *&* document member of the sa	one or more other such docu- eing obvious to a person skilled me patent family			
	clual completion of the international search	Date of malling of the Intern				
12 November 2004		23/11/2004				
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk		Authorized officer				
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nì, Fax: (+31-70) 340-3016	Kalsner, I				

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	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
4	DOHERTY A A J ET AL: "Identification of bacterial homologues of the Ku DNA repair proteins" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 500, no. 3, 6 July 2001 (2001-07-06), pages 186-188, XP004251405 ISSN: 0014-5793 the whole document		1-42	
4	WELLER G R ET AL: "A family of DNA repair ligases in bacteria?" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 505, no. 2, 14 September 2001 (2001-09-14), pages 340-342, XP004305728 ISSN: 0014-5793 the whole document		1-42	
	ARAVIND L ET AL: "Prokaryotic homologs of the eukaryotic DNA-end-binding protein Ku, novel domains in the Ku protein and prediction of a prokaryotic double-strand break repair system" GENOME RESEARCH, vol. 11, no. 8, August 2001 (2001-08), pages 1365-1374, XP001183743 ISSN: 1088-9051 the whole document		1-42	

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Вох	No. I	Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)		
With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the dalmed invention, the international search was carried out on the basis of:				
	a.	type of material		
		X a sequence listing		
		table(s) related to the sequence listing		
	b.	format of material		
		X in written format		
		x in computer readable form		
	c.	time of filing/furnishing		
		filed together with the international application in computer readable form		
		furnished subsequently to this Authority for the purpose of search		
2.	х	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.		
3.	Additi	ional comments:		
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		·		
		t		
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Box II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This inter	national Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
	Claims Nos.: necause they relate to subject matter not required to be searched by this Authority, namely:
t	Claims Nos.: secause they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
	Claims Nos.: lecause they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III(Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Interr	national Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3	as only some of the required additional search fees were timely paid by the applicant, this International Search Report sovers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is estricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark o	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.